

## Annex 7

*Summary of results obtained by Woo et al. (Annex64)*

	Ps-UDT1 antisense	Ps-UDT1 overexpression	35S-UGT1 antisense	35S-UGT1 overexpression
hairy roots of pea	• cytotoxic effect (lethal)	• no effect	• no effect	• no effect

	<b>Ps-UDT1 antisense</b>	<b>Ps-UDT1 overexpression</b>	<b>35S-UGT1 antisense</b>	<b>35S-UGT1 overexpression</b>
<b>Transgenic alfalfa plants</b>	<ul style="list-style-type: none"> <li>• cytotoxic effect (lethal)</li> </ul>	<ul style="list-style-type: none"> <li>• no effect</li> </ul>	<ul style="list-style-type: none"> <li>• reduction in plant height</li> <li>• retention in juvenile leaf morphology</li> <li>• delayed flowering</li> <li>• short, thick vs long, oval floral buds</li> <li>• less pollen</li> <li>• male and female sterility</li> <li>• reduced number of floral buds</li> <li>• delayed inflorescence formation</li> <li>• reduced No. of floral buds</li> <li>• less branches</li> <li>• slower DNA synthesis rate</li> <li>• reduced border cell production in root tips</li> </ul>	<ul style="list-style-type: none"> <li>• no effect</li> </ul>